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(54) Title: PROCESS FOR PRODUCING A CROSS-LINKED POLYMER PRODUCT

(57) Abstract

The invention relates to a process for producing a polymer product cross-linked by silane where a polymer, a grafting agent, an initiator and a cross-linking catalyst and possible additives are fed into an extruder and extruded, whereafter the grafted material obtained is cross-linked using water and the catalyst for obtaining a cross-linked polymer product. According to the process the grafting degree of the grafted material is determined using an on line method and based upon the result obtained the amounts of the components to be fed into the extruder are continuously adjusted in order to obtain the desired grafting degree.

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INTERNATIONAL SEARCH REPORTInternational application No.
PCT/FI 00/00221

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: C08F 255/00, B29C 47/92

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: C08F, B29C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 2202537 A (BICC PUBLIC LIMITED COMPANY), 28 Sept 1988 (28.09.88), page 2, line 5 - line 13, abstract, claims --	1-12
A	US 4370450 A (U. GRIGO ET AL), 25 January 1983 (25.01.83), column 5, line 26 - line 29; column 7, line 25 - line 45, claims --	1-12
A	US 4448736 A (D.B. EMERY ET AL), 15 May 1984 (15.05.84), column 1, line 7 - line 19; column 3, line 40 - line 59, abstract, claims --	1-12

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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INTERNATIONAL SEARCH REPORT

Information on patent family members

02/12/99

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